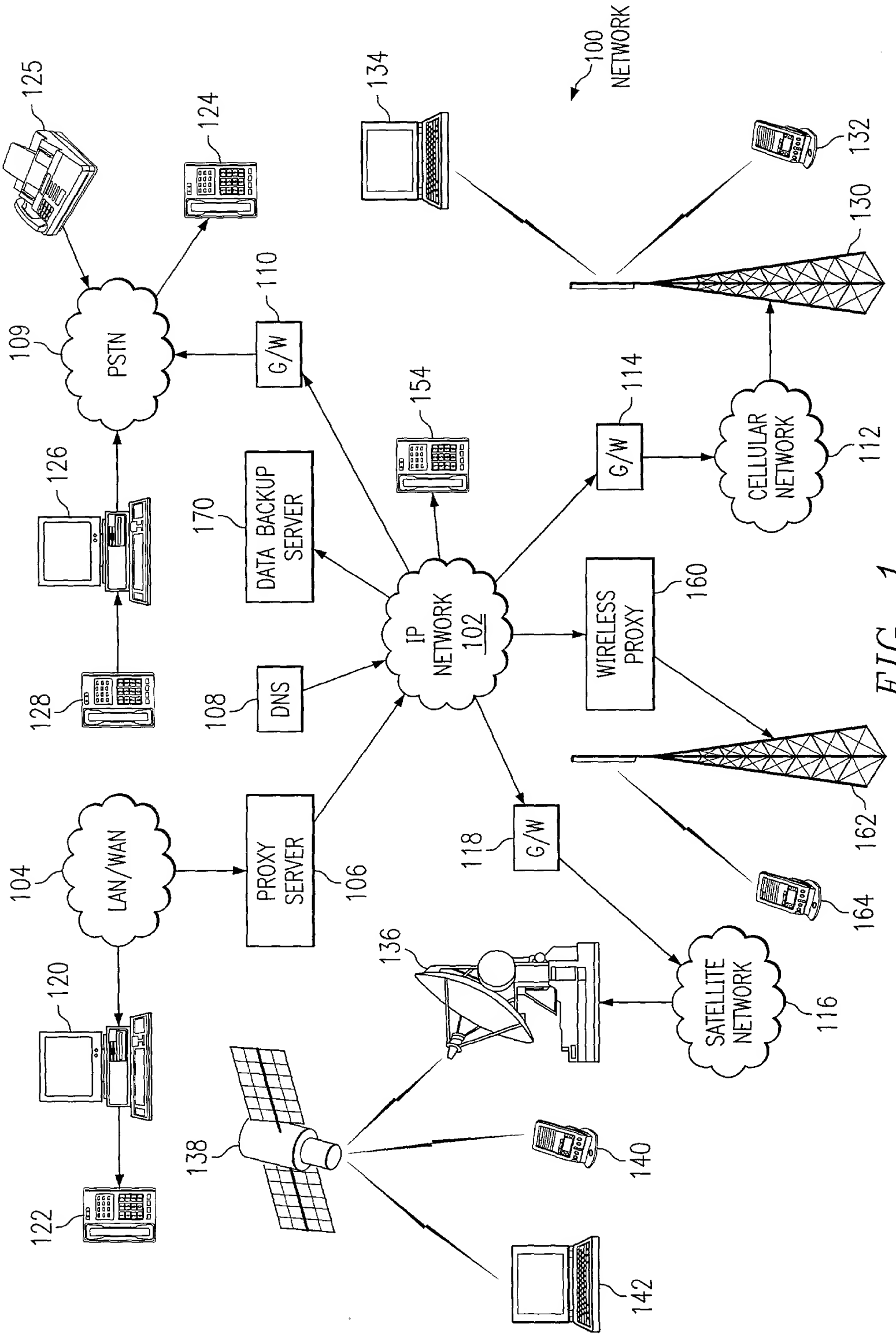
100 NETWORK
125
124
134
132
130
110
109
PSTN
G/W
154
114
126
170
DATA BACKUP SERVER
CELLULAR NETWORK
112
160
IP NETWORK 102
WIRELESS PROXY
128
108
DNS
104
LAN/WAN
PROXY SERVER
106
118
G/W
162
164
136
120
SATELLITE NETWORK
116
138
140
122
142

FIG. 1

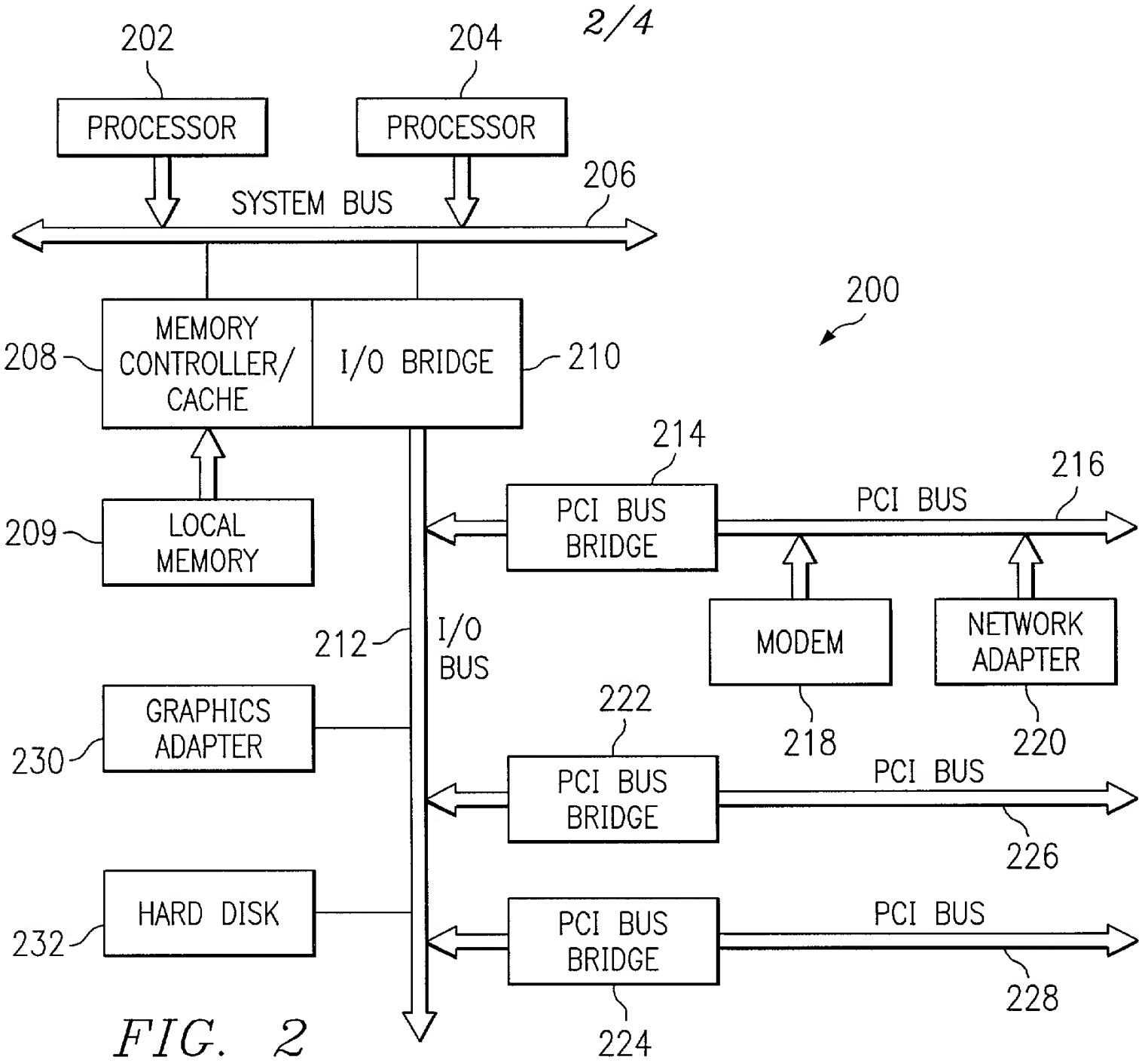
202
204
PROCESSOR
PROCESSOR
206
SYSTEM BUS
200
208
MEMORY CONTROLLER/ CACHE
I/O BRIDGE
210
214
216
PCI BUS BRIDGE
PCI BUS
209
LOCAL MEMORY
212
I/O BUS
MODEM
NETWORK ADAPTER
222
218
220
GRAPHICS ADAPTER
230
PCI BUS BRIDGE
PCI BUS
226
HARD DISK
232
PCI BUS BRIDGE
PCI BUS
228
224

FIG. 2

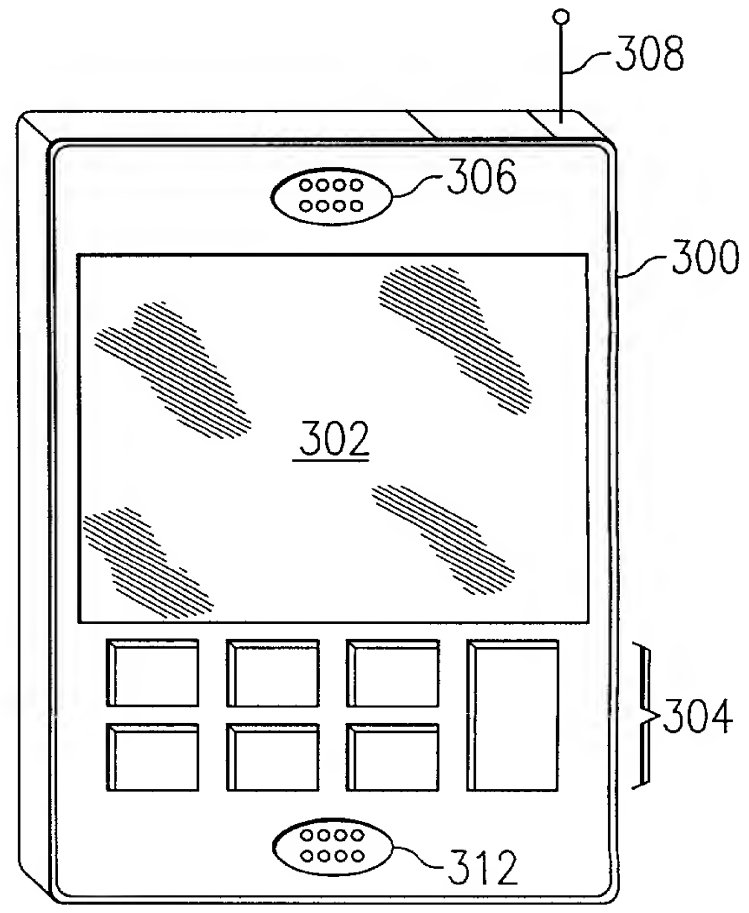
308
306
300
302
304
312

FIG. 3

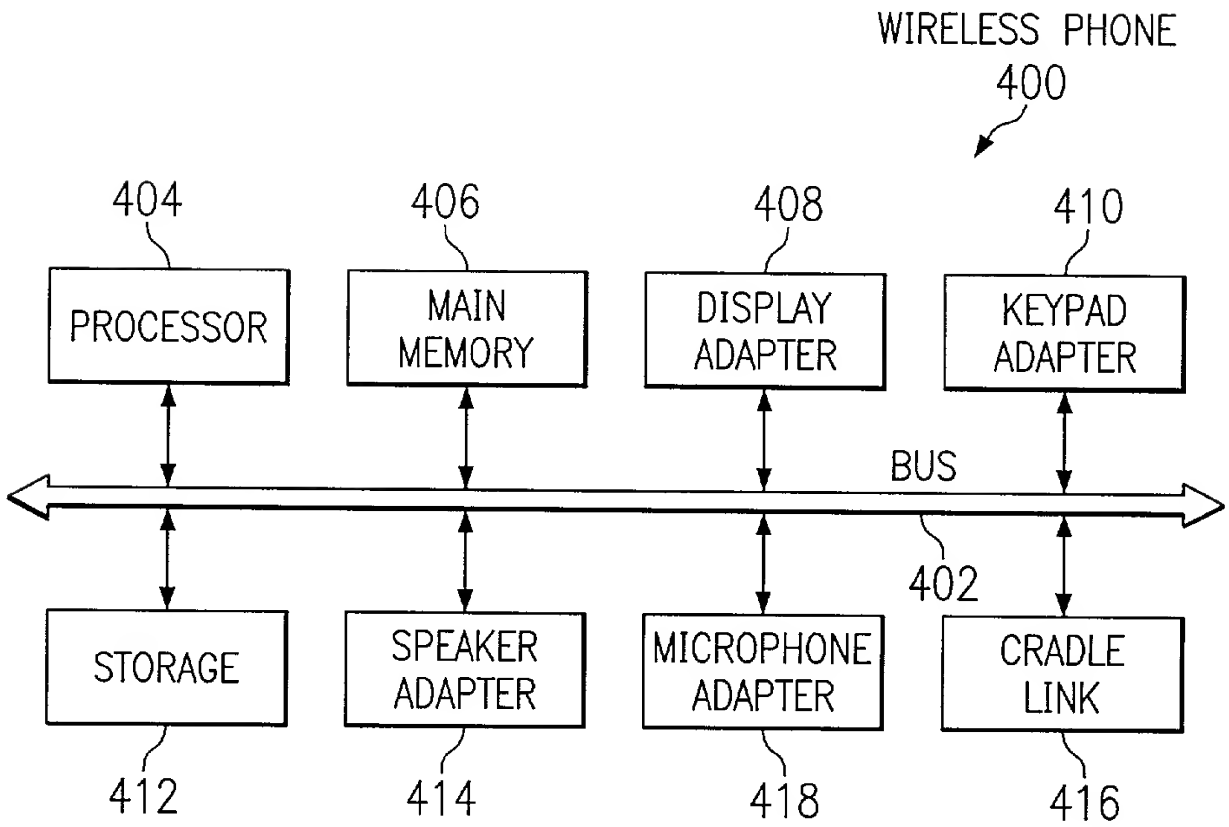
WIRELESS PHONE
400
404
406
408
410
PROCESSOR
MAIN MEMORY
DISPLAY ADAPTER
KEYPAD ADAPTER
BUS
402
STORAGE
SPEAKER ADAPTER
MICROPHONE ADAPTER
CRADLE LINK
412
414
418
416

FIG. 4

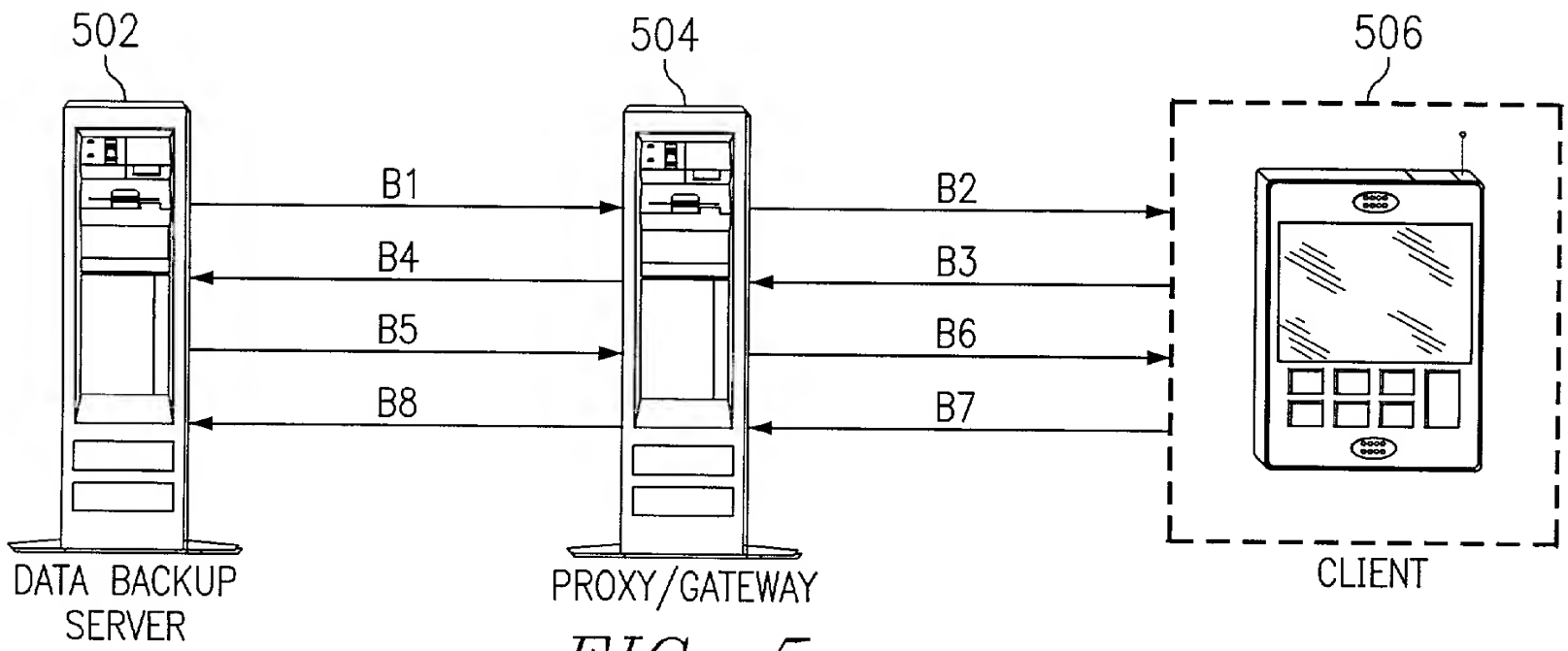
502
504
506
B1
B2
B4
B3
B5
B6
B8
B7
DATA BACKUP SERVER
PROXY/GATEWAY
CLIENT

FIG. 5

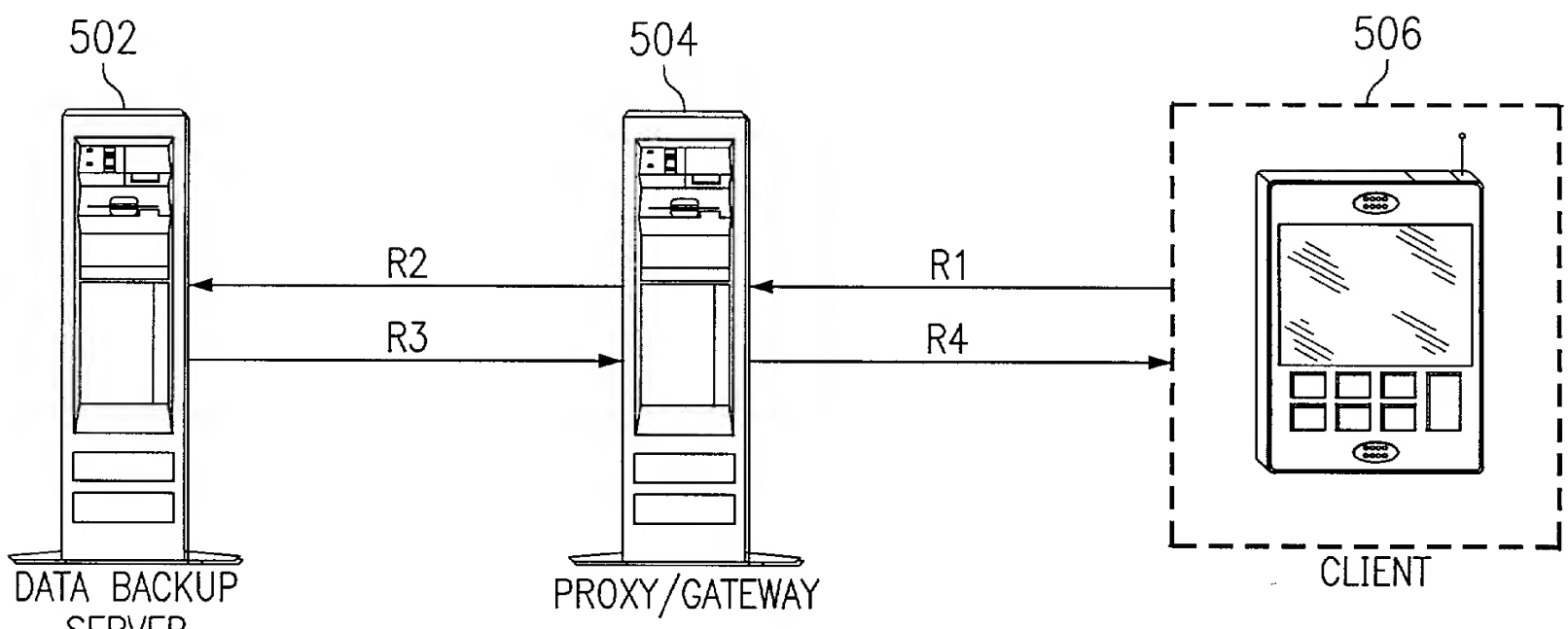

FIG. 6

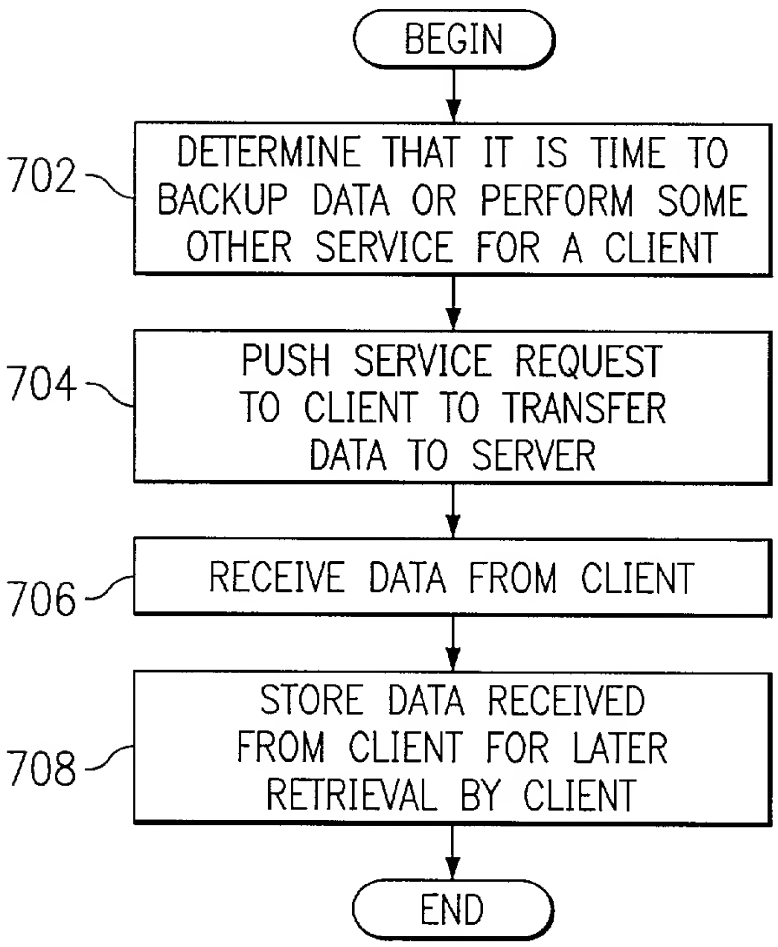

FIG. 7

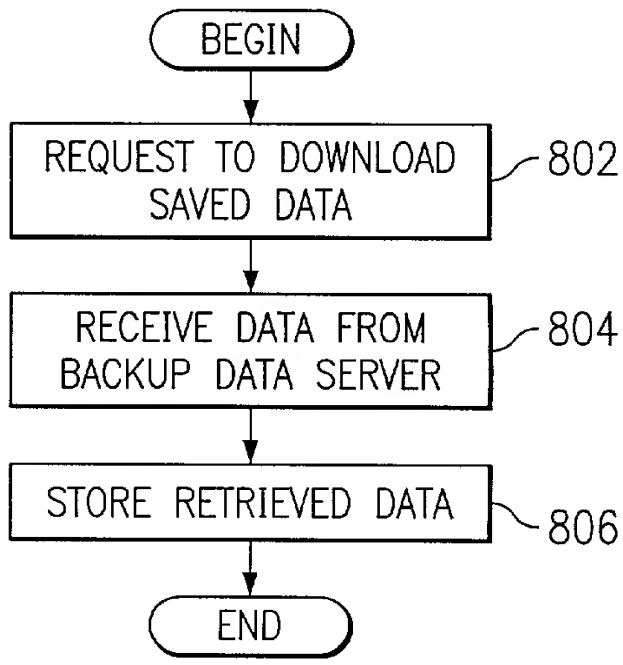

FIG. 8